

RED RIVER AUTHORITY OF TEXAS
Summary of the Red River Basin
Advisory Committee Meeting
April 23, 2019

The Red River Basin Advisory Committee Meeting was held on April 23, 2019, in the meeting room at the Authority's administrative offices in Wichita Falls, TX at 13:00. There were approximately 35 stakeholders, including staff, in attendance at the meeting.

Mr. Jose Martinez, Clean Rivers Program (CRP) Project Manager with the Authority, opened the meeting with introductions and a review of the meeting agenda.

Mr. Pat Bohannon, Aquatic Scientist with the Texas Commission on Environmental Quality (TCEQ), began the meeting with a presentation on *The Evaluation of Laboratory Methods to Quantify Chlorophyll-a*. Mr. Bohannon discussed the background and basis of the study. He explained that the TCEQ Surface Water Quality Monitoring (SWQM) Program is responsible for the collection of data that supports the development of the 303(d) list, and Chlorophyll-a data is currently being reported to the state database utilizing different analysis methods. Different analysis methods in the study are being implemented to help quantify Chlorophyll-a, and are being evaluated by the Texas Institute of Applied Environmental Research (TIAER) at Tarleton State University. TIAER, along with many other laboratories, including the Authority's Environmental Lab, are participating in this study. Mr. Bohannon discussed the study design which is comprised of two phases of sample collection at reservoirs throughout Texas to potentially collect different concentrations of Chlorophyll-a. He noted that the first round of sampling has ended and the second round started in April 2019. In closing, Mr. Bohannon informed the stakeholders that the comparison study for the first phase will cease with the publication of a final report in August 2019 and phase two will commence in the next biennium.

Additionally, Mr. Martinez continued the meeting with a presentation of the *Draft 2019 Red and Canadian River Basins Summary Report* and *Proposed FY-2020 Coordinated Monitoring Efforts*. He presented information regarding current 303(d) impairments and 305(b) concerns as they relate to water quality throughout the Red River Basin. Mr. Martinez also discussed current trends in water quality within several segments, focusing on nutrients, chlorophyll-a, bacteria, and depressed DO trends within segments appearing in the *Draft Texas 2016 Integrated Report (2016 IR)*. He emphasized on unique trends within some water bodies, specifically the Red River, Smith Creek, Lake Arrowhead, Lower Prairie Dog Town Red River, Wichita River, and Buffalo Creek.

Finally, Mr. Dan Medenwaldt, Environmental Technician with the Authority, concluded the meeting with a presentation over the monitoring activities of the Authority from the previous year that involved biological monitoring in the Red River Basin with TCEQ. Mr. Medenwaldt explained the monitoring requirements and gave visual representation of each technique. Mr. Medenwaldt discussed the sites that were visited in FY2018 and discussed the background and purpose of this type of monitoring in the Red River Basin, which provides reference data for Texas streams.

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In closing, Mr. Martinez strongly encouraged all stakeholders to review the information prepared by the Authority in the *Draft 2019 Red and Canadian River Basins Summary Report* for additional information on pertinent water quality issues throughout both the Canadian and Red River Basins. Mr. Martinez then opened the floor for final questions and comments. Following discussion, the meeting adjourned at approximately 15:00 p.m.